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This listing of claims will replace all prior versions and listing of the claims in the application:

LISTING OF THE CLAIMS:

Claims 1-48 (Canceled).

Claim 49. (previously presented) A library of linker nucleic acid molecules or sequences, each of which joins two nucleic acid domains or two nucleic acid sequences encoding two polypeptide domains, each of which has a pattern of degenerate repeated triplet nucleotides with the following properties:

- (i) position 1 of each repeated triplet cannot be the same nucleotide as position 2 of the repeated triplet; or
- (ii) position 2 of each repeated triplet cannot be the same nucleotide as position 3 of the repeated triplet; or
- (iii) position 1 of each repeated triplet cannot be the same nucleotide as position 3 of the repeated triplet; and
- (iv) wherein each of said molecules or sequences that joins said domains does not encode Gly₄Ser or a repeat thereof.

Claim 50. (original) A method for making the library of linker nucleic acid molecules or sequences of claim 49, comprising:

- (a) obtaining two template DNA sequences that comprise the first and the second domains;
- (b) preparing amplification primer pairs which amplify the first and second domains where each primer pair comprises an upstream primer and a downstream primer, each primer having a 5' end and a 3' end, wherein the downstream primer for the first domain or the upstream primer for the second domain comprises a nontemplated sequence.

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said nontemplated sequence comprising said repeated pattern of degenerate repeated triplet nucleotides, wherein at least two of the 5' terminal triplets of said repeated pattern of degenerate repeated triplet nucleotides have the same degenerate sequence;

- (c) amplifying the domains with the amplification primers to generate at least one population of nucleic acid domains having different lengths and sequences in the non-templated sequence; and
- (d) ligating the nucleic acid domains generated in step (c) to generate said population of dual-domain molecules.
- (e) excising or amplifying said linker nucleic acid molecules or sequences from said population of dual domain molecules.

Claim 51. (Canceled)